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Colin Baird

Colin Baird is Professor of Chemistry at the University of Western Ontario. He has received the University's Edward G. Pleva Teaching Award and a national 3M Teaching Fellowship Award.

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Brendan Borrell

Brendan Borrell is a biologist and journalist who has written about science and the environment for a dozens of outlets including *Bloomberg Businessweek*, *Outside*, *Nature*, *New York Times*, *Scientific American*, and *Smithsonian*. His reporting at home and abroad has given him a first-hand view of some of the most pressing environmental issues of today. He has visited the phosphate mines of Morocco, followed a rhino hunt in South Africa, and taken a road trip through the expanding soy plantations of central Brazil.

Brendan received his Ph.D. in Integrative Biology from the University of California, Berkeley in 2006. For his dissertation research, he studied the evolution, ecology, and physiology of nectar feeding in the orchid bees of Costa Rica and Panama. His articles have received awards from the American Society for Journalists and Authors and his reporting has been funded by the Alicia Patterson Foundation, the Pulitzer Center on Crisis Reporting, and the Mongabay Special Reporting Initiative.

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Marnie Branfireun

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Marnie Branfireun is a Lecturer in the Faculty of Environment at Simon Fraser University in British Columbia, Canada. She teaches in both the Undergraduate Environmental Science and MSc in Ecological Restoration Programs. Her BSc (University of Manitoba) in Ecology focused on aquatic ecology, and her MSc (McGill University) was on mercury cycling and plant decomposition in boreal peatlands. She has monitored stream and lake ecosystems using benthic macroinvertebrates for Canada's Department of Fisheries and Oceans, conducted research at the Experimental Lakes Area in Ontario, worked as a Project Ecologist for the Toronto and Region Conservation Authority and has taught post-secondary environmental science at the University of Toronto and the University of Western Ontario. As an ecologist and physical geographer, she has been engaged in environmental science education, conservation, restoration, and monitoring for over 25 years.

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David Courard-Hauri

David Courard-Hauri is an Associate Professor of Environmental Science and Policy at Drake University in Des Moines, Iowa. At Drake, Dr. Courard-Hauri teaches courses on Environmental Science, Climate Change Science and Policy, Quantitative Methods in Environmental Decision Making, and Ecological Economics. With a PhD in Chemistry from Stanford University, and a Masters in Public Affairs from Princeton's Woodrow Wilson School, Dr. Courard-Hauri seeks in his research to combine aspects of environmental science, economics, and public policy in his work modeling economic consumption and its environmental impacts. He walks to work, and in his spare time cares for a multitude of fruit trees and berries in his yard.

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Brendan Fisher



Brendan Fisher is a Research Associate Professor at the Rubenstein School of Environment and Natural Resources at the University of Vermont. He spends much of his nonworking time playing hockey, soccer, and board games with his three children. Brendan's research focus is on the nexus of economics, ecosystem services, human behavior, and poverty alleviation. He is a senior fellow at the World Wildlife Fund and a fellow at the Centre for Social and Economic Research on the Global Environment (CSERGE) at the University of East Anglia. Brendan graduated the 8th grade from St. Joseph's School in Aston, Pennsylvania, with a solid B in social studies.

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Andrew Friedland

Andrew J. Friedland is The Richard and Jane Pearl Professor in Environmental Studies and Chair of the Environmental Studies Program at Dartmouth. He was the founding chair of the Advanced Placement Test Development Committee (College Board) for Environmental Science. He has a strong interest in high school science education and in the early years of APES he participated in a number of trainer and teacher workshops at Kimball Union Academy, Dartmouth College, and elsewhere. During many of the last ten summers, he has guest lectured at the St. Johnsbury Academy (Vermont) AP Institute for Secondary Teachers. Friedland regularly teaches introductory environmental science and energy courses and has taught courses in forest biogeochemistry, global change, and soil science, as well as foreign study courses in Kenya. For more than two decades, Friedland has been researching the effects of air pollution (lead, nitrogen, sulfur, calcium) on high-elevation forests of New England and the Northeast. More recently, he has begun investigating the impact of individual choices and personal action on energy consumption and the environment. Friedland has served on panels for the NSF and USDA Forest Service and has just finished serving on his third panel of the Science Advisory Board of the EPA. He has authored or coauthored more than fifty-five peer-reviewed publications and one book, *Writing Successful Science Proposals* (Yale University Press). Friedland received BAs in Biology and Environmental Studies and a PhD in Geology from the University of Pennsylvania. He is passionate about saving energy and can be seen wandering the halls of the Environmental Studies Program at Dartmouth with a Kill-A-Watt meter, determining the electricity load of vending machines, data projectors, and computers.

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Edward T. Game

Edward Game is a Lead Scientist with The Nature Conservancy. He has worked on conservation plans in over 15 countries and published more than 30 papers on aspects of conservation decision making. He is author of the manual for the world's most widely used conservation planning software, Marxan, and was the recipient of the Great Barrier Reef Foundation's inaugural prize for innovative concepts to conserve the reef in the face of climate change. Eddie is currently



the Editor in Chief of Conservation Letters and serves on the editorial board of Conservation Biology and the Board of Governors of the Society for Conservation Biology.

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Craig R. Groves

Craig Groves is the Executive Director for the Science for Nature and People Partnership (SNAP, www.snap.is), a collaboration of The Nature Conservancy, the Wildlife Conservation Society, and the National Center for Ecological Analysis and Synthesis at the University of California, Santa Barbara. He also serves as the Series Editor for IUCN's World Commission on Protected Areas Best Practice Guidelines. In his 30-year career in nature conservation, Craig has worked as a conservation scientist and planner for TNC, WCS, and the Idaho Department of Fish and Game. He has written a previous book on conservation planning (Drafting a Conservation Blueprint, Island Press 2003) as well as numerous articles on conservation planning and on the ecology of at-risk species in the Rocky Mountains.

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Anne Houtman

Anne Houtman, PhD, is Professor and Head of the School of Life Sciences at Rochester Institute of Technology, which includes programs in Environmental and Biological Sciences. Her research interests are in the behavioral ecology of birds, and currently research in her laboratory focuses on the ecology and evolution of hummingbird song. She also has an active research program in science pedagogy. Anne received her doctorate in zoology from the University of Oxford and conducted postdoctoral research at the University of Toronto.ac

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Jeneen Interlandi

Jeneen Interlandi is a science writer who contributes to *Scientific American* and *The New York Times Magazine*. Previously, she spent four years as a staff writer for *Newsweek*, where she covered health, science, and the environment. In 2009, she received a Kaiser Foundation fellowship for global health reporting and traveled to Europe and Asia to cover outbreaks of drug-resistant tuberculosis. Jeneen has worked as a researcher at both Harvard Medical School and Lamont Doherty Earth Observatory. She holds Masters degrees in Environmental Science and Journalism, both from Columbia University in New York.

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Peter Kareiva

Peter Kareiva is the chief scientist and a vice president for The Nature Conservancy, the world's largest conservation organization, with over 500 scientists on staff. He also maintains an appointment at Santa Clara University. Before moving to The Nature Conservancy, Dr. Kareiva was the director of the Division of Conservation Biology at National Oceanic and Atmospheric Administration (NOAA) Northwest Fisheries Science Center. He has served on the editorial board of over a dozen different journals, edited seven books, and been a faculty member at Brown University and the Universities of Washington and Virginia. He has received a Guggenheim fellowship and done research, consulting, teaching, or conservation work in 20 countries throughout Europe, Asia, and Latin America. He has authored more than 100 papers and articles, many of them in collaboration with colleagues in fisheries, agriculture, economics, and forestry. In 2007 he was elected a fellow of the American Academy of Arts and Sciences. In 2011, he was elected to the U.S. National Academy of Sciences.

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Susan Karr

Susan Karr, MS, is an Instructor in the Biology Department of Carson-Newman College in Jefferson City, Tennessee, and has been teaching for over 15 years. She has served on campus and community environmental sustainability groups and helps produce an annual "State of the Environment" report on the environmental health of her county. In addition to teaching non-majors courses in environmental science and human biology, she teaches an upper-level course in animal behavior where she and her students train dogs from the local animal

shelter in a program that improves the animals’ chances of adoption. She received degrees in Animal Behavior and Forestry from the University of Georgia.

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Michelle Marvier

Michelle Marvier is a professor of environmental science at Santa Clara University, where she has taught undergraduate courses in conservation science since 2000. She has published more than 40 articles, is on the editorial board of *Frontiers in Ecology and the Environment*, and regularly publishes articles with her undergraduate students. Dr. Marvier has also worked for NOAA Fisheries on salmon conservation and has served as an adviser to the U.S. Environmental Protection Agency, the U.S. Department of Agriculture, and The Nature Conservancy on matters of statistics, monitoring, and risk analysis.

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